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Education Information

Doctorate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 2009 - 2016

Post Graduate, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (Y), Turkey 2005 - 2008

Under Graduate, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 2001 - 2005

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Metalik alaşımların katı-sıvı arayüzey enerjilerinin ölçümü ve termofiziksel özelliklerinin incelenmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (Dr), 2016

Post Graduate, Co, Mn, Nd katkılı SiO₂ ve SiO₂-TiO₂ ince filmlerin elde edilmesi ve optik özellikleri, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (Y), 2008

Research Areas

Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Natural Sciences

Academic Titles / Tasks

Research Assistant, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2015 - Continues

Research Assistant, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, 2010 - 2015

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Effect of Sn contents on thermodynamic, microstructure and mechanical properties in the Zn-90-Bi-10 and Bi-88-Zn-12 based ternary alloys**
Esener P. A. , ALTINTAS Y., Bayram U., ÖZTÜRK E., MARAŞLI N., Aksoz S.
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- **Thermophysical properties of NPG solid solution in the NPG-SCN organic system**
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Zeitschrift fuer Metallkunde/Materials Research and Advanced Techniques, vol.109, pp.219-224, 2018 (Journal Indexed in SCI)
- **Experimental measurements of some thermophysical properties of solid CdSb intermetallic in the Sn-Cd-Sb ternary alloy**

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- **The measurements of electrical and thermal conductivity variations with temperature and phonon component of the thermal conductivity in Sn-Cd-Sb, Sn-In-Cu, Sn-Ag-Bi and Sn-Bi-Zn alloys**

ALTINTAS Y., Kaygisiz Y., ÖZTÜRK E., Aksoz S., Keslioglu K., MARAŞLI N.

INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.100, pp.1-9, 2016 (Journal Indexed in SCI)

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- **Experimental determination of interfacial energies for solid Sn in equilibrium with Sn-Mg-Zn liquid**

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- **The Measurement of Thermal Conductivity Variation with Temperature for Sn-Based Lead-Free Binary Solders**

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- **The Experimental Determination of Interfacial Energies for Solid Cd in Equilibrium with Sn-Cd-Sb Liquid**

ÖZTÜRK E., Aksoz S., Keslioglu K., MARAŞLI N.

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- **Thermal Conductivity Variation with Temperature for Lead-Free Ternary Eutectic Solders**

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- **Solid-liquid interfacial energy of solid succinonitrile solution in equilibrium with succinonitrile-neopentylglycol eutectic liquid**

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- **Measurements of Thermal Conductivity Variations with Temperature for the Organic Analog of the Nonmetal-Nonmetal System: Urea-4-Bromo-2-Nitroaniline**

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- **The measurement of interfacial energies for solid Sn solution in equilibrium with the Sn-Bi-Ag liquid**

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- **The measurement of thermal conductivity variation with temperature for Sn-20 wt.% In based lead-free ternary solders**

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THERMOCHIMICA ACTA, vol.554, pp.63-70, 2013 (Journal Indexed in SCI)

- **The measurement of thermal conductivity variation with temperature for solid materials**

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- **Light dosimetry studies for external laser angioplasty applications of human aortic plaques**

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The 43th ASCoF Spring Meeting Valpre-Lyon, France, April 20-22 2019, Lyon, France, 20 - 22 Nisan 2019, pp.21-

- **Effects of Al, Ag, Sb Elements on Microstructure, Thermal and Mechanical Properties of Zn-Sn-Cu-Bi**
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The International Conference on Materials Science Mechanical and Automation Engineerings and Technology (IMSMATEC'18), 10 - 12 Nisan 2018
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- **Design and Implementation of Optic Tweezer System for Biological Cell Trapping**
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- **The Phonon Contribution to the Thermal Conductivity in Sn-Zn-Cu Intermetallic Alloy Systems**
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I.International Scientific and Vocational Studies Congress, 5 - 08 Ekim 2017, pp.472
- **The Determination of Microstructure, Thermal and Mechanical Properties of Some Intermetallic Alloys in Sn-Zn-Cu System**
AKSÖZ S., ATA ESENER P., ÖZTÜRK E., MARAŞLI N.
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- **The Measurement of Tensile Strength, DSC, SEM and EDX Properties of Sn-Bi-In-Zn Alternative Lead-Free Solder Alloys**
ATA ESENER P., AKSÖZ S., ÖZTÜRK E., MARAŞLI N.
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- **THERMAL CONDUCTIVITY AND SOLID LIQUID INTERFACIAL ENERGY OF SOLID AI AND SOLID Si PHASES IN AI Mg Si EUTECTIC TERNARY ALLOY SYSTEM**
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International Conference on Material Science and Technology in Cappadocia (IMSTEC'16), NEVŞEHİR, TÜRKİYE, 6 - 08 Nisan 2016, pp.1116
- **THE EXPERIMENTAL DETERMINATION OF INTERFACIAL ENERGIES FOR SOLID Zn IN EQUILIBRIUM WITH Zn AI Sb LIQUID**
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- **The measurements of electrical and thermal conductivity variations with temperature and phonon component of the thermal conductivity in the In Bi intermetallic alloys**
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9 th International Physics Conference of the Balkan Physical Union 24-27 August, İstanbul University, İstanbul / Turkey, 24 - 27 Ağustos 2015, pp.142
- **The experimental determination of interfacial energies for solid Sn in equilibrium with Sn Mg Zn liquid**
ÖZTÜRK E., ALTINTAS Y., AKSÖZ S., KEŞLİOĞLU K., MARAŞLI N.
9 th International Physics Conference of the Balkan Physical Union 24-27 August, İstanbul University, İstanbul, 24 - 27 Ağustos 2015, pp.256
- **Thermal Conductivity And Interfacial Energy Of Solid Bi In The Bi Ag Eutectic System**

ALTINTAS Y., ÖZTÜRK E., AKSÖZ S., KEŞLİÖĞLU K., MARAŞLI N.

31. International Physics Congress, MUĞLA, TURKEY, 21 - 24 Temmuz 2014

- **Thermal Conductivity Of Sn Based Ternary Solders**

ALTINTAS Y., ÖZTÜRK E., AKSÖZ S., KEŞLİÖĞLU K., MARAŞLI N.

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Citations

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